



DEPARTMENT OF THE NAVY  
ATLANTIC DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
NORFOLK, VIRGINIA 23511

TELEPHONE NO.

(804) 444-9566

IN REPLY REFER TO:

114:JGW:gmc

6280

14 JUL 1983

From: Commander, Atlantic Division, Naval Facilities Engineering Command  
To: Commanding General, Marine Corps Base, Camp Lejeune

Subj: Ground Water Monitoring Results, Rifle Range Area

Ref: (a) EPA National Interim Primary Drinking Water Regulations 40 CFR 141

Encl: (1) Centec Analytical Services Analytical Results Report for Samples  
27372-27378

1. Enclosure (1) is forwarded as results of analyses of samples collected in April 1983 by MCB CAMP LEJEUNE personnel from the Rifle Range Chemical Dump, the Rifle Range Water Supply Wells, and the Rifle Range Water Treatment Plant finished water.
2. Enclosure (1) indicates a total organic contamination of 64 parts per billion (ppb) of chemical constituents from the total trihalomethane (TTHM) family. This is considerably less than the 100 ppb maximum contaminant level set by reference (a).
3. Enclosure (1) indicates no contamination of the water supply wells.
4. Enclosure (1) indicates organic contamination at the chemical dump, primarily at Well #17. This contamination will be further addressed in the NACIP Program Confirmation Study which is anticipated to commence in FY-84.
5. LANTNAVFACENCOM point of contact is Mr. Jerry Wallmeyer at (804) 444-9566 or AUTOVON 564-9566

*J. R. Bailey*  
J. R. BAILEY  
By direction

Copy to:

CMC (Code LFF-2)

MCB CAMP LEJEUNE (Natural Resources and Environmental Affairs)

NAVENENVSA

COMNAVFACENCOM

(80M) 4-4-7766

144100:gm  
6280

1 4 JUL 1983

From: Commander, Air Corps Division, Air Corps Base, Camp Lejeune  
 To: Commanding General, Marine Corps Base, Camp Lejeune  
 Subj: Ground Water Monitor Log Results, Killis Range Area  
 Ref: (a) RBS National Interim Drinking Water Regulations 40 CFR 141  
 (b) Center Analytical Services Analytical Results Report for Samples  
 25572-2378

1. Enclosure (I) is forwarded as results of analysis of samples collected in April 1983 by MCR CAMP LEJUNE personnel from the Killis Range Chemical Dump, the Killis Range Water Supply Wells, and the Killis Range Water Treatment Plant finished water.

2. Enclosure (I) indicates a total organic concentration of 0.6 parts per billion (ppb) of chemical constituents from the total in leachate (TIL) sample. This is considerably less than the 100 ppb maximum contaminant level set by reference (a).

3. Enclosure (I) indicates no contamination of the water supply wells. A list of chemical constituents of the chemical dump, and a list of chemical constituents of the water supply wells are attached in the program enclosure. This information was obtained from the program enclosure in 11-82.

4. Enclosure (I) indicates no contamination of the water supply wells.

3. J. BARRY  
 by direction

Copy to:  
 GME (Code 12-2)  
 MCR CAMP LEJUNE (Chemical Resources and Environmental Affairs)  
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 COMNAVSTA 100



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— ANALYTICAL RESULTS REPORT —

Mr. David Goodwin  
Atlantic Division Code 1143  
Naval Facilities Engineering Command  
Norfolk, VA 23511

Re: Water Analysis  
CAS Commission No. 6094

REPORT DATE/NUMBER: 08 JULY 1983/99

SAMPLE COLLECTED: 19 April 1983: 1300

BY: Lachope/Hunekutt

SAMPLE RECEIVED AT LAB: 21 April 1983: 1500

ANALYSIS FOR: Mercury (Hg), Silver (Ag), Arsenic (As),  
Beryllium (Be), Cadmium (Cd), Chromium (Cr),  
Copper (Cu), Nickel (Ni), Lead (Pb), Selenium  
(Se), Zinc (Zn), Antimony (Sb), and Thallium  
(Tl)

METHOD OF ANALYSIS: Re: Federal Register, Vol. 41, No. 232,  
1 December 1976

The results are shown on the following page.

If you have any questions or comments concerning this report,  
please do not hesitate to contact us.

Prepared by:

CEN TEC ANALYTICAL SERVICES

  
David F. Tompkins  
Chemist

DFT/mls

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A DIVISION OF THE CENTER FOR SCIENCE & TECHNOLOGY



--- ANALYTICAL RESULTS REPORT ---

EAGLE-A  
Tropen Bond  
50% COTTON FIBER

Marine Corps Base, Camp LeJeune, N.C.  
 Naval Facilities Engineering Command  
 08 July 1983  
 Page 2

| CAS No. | Description                   | Ag<br>(mg/l) | As<br>(mg/l) | Be<br>(mg/l) | Cd<br>(mg/l) | Cr<br>(mg/l) | Cu<br>(mg/l) | Hg<br>(mg/l) | Ni<br>(mg/l) | Pb<br>(mg/l) | Se<br>(mg/l) | Zn<br>(mg/l) | Sb<br>(mg/l) | Tl<br>(mg/l) |
|---------|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 29372   | Field # 15<br>Landfill L      |              |              |              |              |              |              | 0.0006       |              |              |              |              |              |              |
| 29373   | Field # 16<br>Landfill        |              |              |              |              |              |              | 0.0006       |              |              |              |              |              |              |
| 29374   | Field # 17<br>Landfill        |              |              |              |              |              |              | <0.0005      |              |              |              |              |              |              |
| 29375   | RR-45                         |              |              |              |              |              |              | 0.0006       |              |              |              |              |              |              |
| 29376   | RR-47                         |              |              |              |              |              |              | <0.0005      |              |              |              |              |              |              |
| 29377   | RR-92                         |              |              |              |              |              |              | 0.0006       |              |              |              |              |              |              |
| 29378   | Rifle Range<br>finished water | <0.01        | <0.001       | <0.01        | <0.01        | <0.05        | 0.02         | 0.0007       | <0.05        | <0.001       | <0.005       | 0.08         | <0.001       | <0.001       |

128

STANDARD MICHIGAN RESIDUAL

25% COTTON FIBRE USA